



WEEKLY DENGUE UPDATE

21st October 2022 – 27th November 2022

National Dengue Control Unit, Ministry of Health



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Week
47

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DENGUE CASE REPORTING

During the week 47, 1406 suspected dengue cases were reported in 24 districts in comparison to 1314 cases in 26 districts during the week 46. There is an 7.0% increase in week 47, compared to the previous week. Of all reported cases 45.0% were from Western Province [Colombo Municipal Council – 4.5%, Rest of the Colombo District – 12.4%, Gampaha District – 21.8% and Kalutara District – 6.2%]. Puttalam [11.1%], Kandy [8.5%], Jaffna [6.9%] and Kalmunai [4.4%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Fifty MOH areas were flagged as high-risk areas during week 47. Out of them, 15 MOH areas showed rising number of cases in week 47 compared to the week 46, and another 29 MOH areas show persistently high number of cases in both weeks 47 and 46 (Table 2).

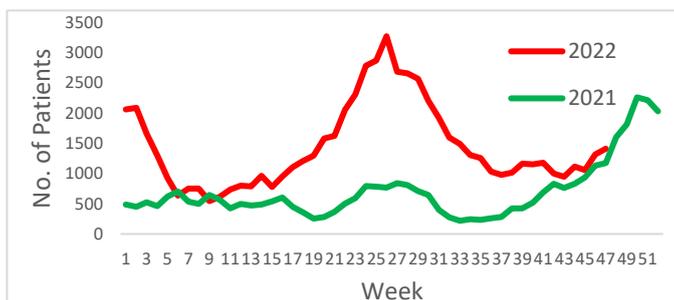
In week 47 high risk levels of Piliyandala and Moratuwa MOH areas have come down while Dehiwala, Maharagama, Nugegoda, Battaramulla, Mirigama, Beruwala (NIHS), Gampola, Gangawatakorale, Naula, Ukuwela, Kopay, Thellipilai, Sandilipay, Kuliypitiya, Dankotuwa, Puttalam and Alayadivembu MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 517 and 564 during the weeks 46 and 47 respectively. In 19 hospitals, the average midnight total has decreased and in 33 hospitals the average mid night total has increased in the week 47 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 47 are displayed in Table 3.

**Average midnight total of the 46th week shows an increase from 500 to 517 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022



Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

Table 1: Reported dengue cases in week 47 and week 46 of 2022

District	No. of cases					
	2021		2022		Up to Week 47	
	Week		Week		2021	2022
	46	47	46	47		
Colombo	336	371	189	238	8604	15726
Gampaha	338	299	326	307	4377	11370
Kalutara	79	127	61	87	1958	5802
Kandy	62	50	108	119	1156	6033
Matale	14	10	33	41	242	1166
Nuwara Eliya	3	2	4	3	83	173
Galle	23	28	39	44	533	3576
Hambantota	8	13	18	9	387	1362
Matara	21	26	13	22	643	1536
Jaffna	1	11	78	97	59	2806
Kilinochchi	Nil	Nil	2	1	14	118
Mannar	6	Nil	12	13	35	232
Vavuniya	1	2	4	Nil	42	84
Mullaitivu	Nil	Nil	1	Nil	1	24
Batticaloa	10	10	23	17	3283	1157
Ampara	4	4	2	7	82	155
Trincomalee	9	17	5	5	197	1072
Kalmunai	5	2	61	62	254	1541
Kurunegala	73	57	40	25	1392	2262
Puttalam	23	32	99	156	451	2881
Anuradhapura	2	13	4	9	330	531
Polonnaruwa	8	5	5	5	97	348
Badulla	50	48	58	53	550	1072
Monaragala	5	5	12	4	162	470
Rathnapura	26	15	69	42	732	3129
Kegalle	23	22	48	40	581	2696
Total	1130	1169	1314	1406	26245	67322

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

■ Districts reporting higher number of cases

Table 2: High risk MOH areas

MOH Area	Cases reported	
	Week 46	Week 47
WESTERN PROVINCE		
Colombo District		
Dehiwala	5	12
Kaduwela	14	17
Maharagama	7	21
MC Colombo	59	63
Nugegoda	6	10
Battaramulla	8	11
Gothatuwa	14	33
Gampaha District		
Attanagalla	19	13
Biyagama	16	21
Gampaha	24	14
Ja-Ela	69	52
Katana	26	27
Kelaniya	23	23
Mahara	25	11
MC Negombo	22	33
Minuwangoda	24	28
Mirigama	10	10
Ragama	13	11
Wattala	12	19
Seeduwa	29	30
Kalutara District		

MOH Area	Cases reported	
	Week 46	Week 47
Beruwala (NIHS)	8	14
Kalutara (NIHS)	12	12
Panadura	19	24
CENTRAL PROVINCE		
Kandy District		
Gampola	8	15
Gangawatakorale	5	11
MC Kandy	21	26
Waththegama	10	9
Matale District		
Naula	1	8
Ukuwela	8	11
MC Matale	11	14
NORTHERN PROVINCE		
Jaffna District		
Kopay	4	9
MC Jaffna	21	31
Thellippilai	7	8
Nallur	11	8
Sandilipay	7	9
Karaveddy	11	9
Manner District		
Mannar	9	13
EASTERN PROVINCE		

MOH Area	Cases reported	
	Week 46	Week 47
Kalmunai District		
Akkaraipattu	20	10
Alayadivembu	4	10
Addalaichchenai	16	15
NORTH WESTERN PROVINCE		
Puttalam District		
Chilaw	17	16
Dankotuwa	5	12
Kalpitiya	16	23
Puttalam	8	18
Wennappuwa	24	47
Mahawewa	10	14
Kurunegala District		
Kuliyapitiya	7	9
UVA PROVINCE		
Badulla District		
Badulla	32	27
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiovita	10	11
Rathnapura District		
Kuruwita	17	6

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 47

Hospital	Average Midnight Total		
	Week 46	Week 47	Change
DGH- Negombo	66	61	↓
TH-Col North	34	38	↑
NHSL	29	34	↑
NIID	23	33	↑
TH-Col-South	21	27	↑
NH-Kandy	23	25	↑
BH-Puttalam	14	25	↑
BH-Marawila	19	25	↑
PGH-Badulla	24	24	-
TH-Peradeniya	15	20	↑
LRH	15	19	↑
DGH- Gampaha	21	15	↓
BH-Matale	9	14	↑
DGH-Chilaw	9	12	↑

Hospital	Average Midnight Total		
	Week 46	Week 47	Change
TH- Kalutara	10	12	↑
TH-Ratnapura	9	11	↑
BH- Panadura	17	10	↓
TH-Jaffna	7	10	↑
TH-Karapitiya	10	9	↓
BH- Kiribathgoda	11	8	↓
BH- Minuwangoda	3	8	↑
BH- Wathupitiwala	8	8	-
DGH-Matara	7	8	↑
BH-Gampola	6	7	↑
BH- Mawanella	7	7	-
BH-Point Pedro	8	6	↓
DGH-Mannar	6	6	-

Hospital	Average Midnight Total		
	Week 46	Week 47	Change
DGH-Kegalle	7	6	↓
BH- Warakapola	6	6	-
BH-Avissawella	4	5	↑
BH- Mirigama	4	4	-
BH- Kamburupitiya	3	4	↑
TH-Batticaloa	4	4	-
BH-Kalmunai North	3	4	↑
BH-Balapitiya	3	4	↑
DGH- Embilipitiya	4	4	-
BH-Kalmunai AMH	3	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 47

- Training on clinical management of dengue for Medical Registrars at National Institute of Infectious Diseases.
- Scenario based training for grassroot level primary healthcare workers in Batticaloa and Trincomalee districts on Dengue control in multi-hazard scenarios and complex emergencies